

# SMT Power Inductor

## HAH73 Type

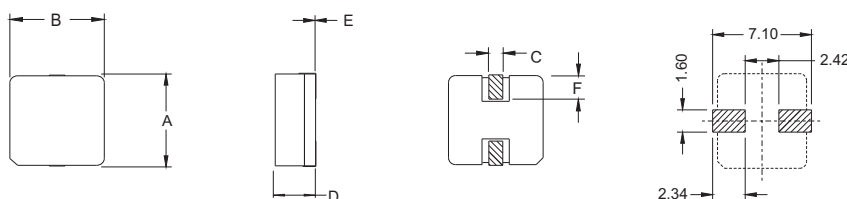
### Features

- RoHS compliant.
- Low profile (3.0mm max. height) SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor application.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



### Mechanical Dimension:

#### RECOMMENDED PAD PATTERNS



UNIT : mm / inch  
A = 7.90 / 0.311 Max.  
B = 7.00 / 0.276 Max.  
C = 1.20 / 0.047 Ref.  
D = 3.00 / 0.118 Max.  
E = 0.01 / 0.0004 Min.  
F = 1.90 / 0.075 Ref.

### Electrical Characteristics: At 25°C , 100KHz, 1V

PART NO.	Lo <sup>1</sup> (uH)	Li (uH) ±20%	DCR (mΩ) MAX	Isat <sup>2</sup> (Adc)
HAH73-0R1	0.10	0.08	2.5	30.0
HAH73-0R2	0.20	0.16	3.4	18.0
HAH73-R47	0.47	0.40	4.1	12.0
HAH73-R68	0.68	0.60	5.3	10.0
HAH73-1R0	1.00	0.90	10.0	8.5

1. Lo is the initial inductance.
2. Isat is the DC current which cause the inductance drop to Li.
3. Operating temperature : -20°C to 105°C ( including self-temperature rise ).



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